AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) An ~~A~~apparatus for reducing clogging of a pipe, the apparatus comprising a body having an open end adapted to be detachably connected to an aperture of the pipe, a shaft moveable within ~~and relative to~~ the body, a ~~scraping device~~scraper attached to one end of the shaft, means for reciprocally moving the shaft to urge the ~~scraping device~~scraper into the pipe to dislodge particulates deposited within the pipe and to withdraw the ~~scraping device~~scraper from the pipe, and~~, extending about the body,~~ injecting means extending about the body for injecting heated~~,~~ compressed gas into the body to inhibit particulate deposition~~. therein.~~

2. (Currently Amended) The ~~A~~apparatus according to ~~C~~claim 1~~,~~ wherein the injecting means comprises ~~one or more~~ an orifices located on an inner surface of the body.

3. (Currently Amended) The ~~A~~apparatus according to ~~C~~claim 1 ~~or Claim 2,~~ wherein the gas is injected at a temperature within the range from 50 to 200°C~~., preferably within the range from 80 to 150°C.~~

4. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ wherein ~~said~~ the gas comprises dry air or nitrogen.

5. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ comprising heating means extending about the body for maintaining the temperature within the body within the range from 50 to 200°C~~., preferably within the range from 80 to 150°C.~~

6. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ wherein the ~~scraping device~~scraper has an open construction.

7. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ wherein the ~~scraping device~~scraper comprises a helical coil.

8. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ wherein the ~~scraping device~~scraper is formed from ~~a chemically inert and mechanically stable solid material, such as~~ stainless steel.

9. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1, wherein the means for reciprocally moving ~~means~~ comprises a piston reciprocally moveable within a cylinder, and the piston being attached to a second~~the other~~ end of the shaft.~~, the piston being reciprocally moveable within a cylinder.~~

10. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim 1~~,~~ wherein the means for reciprocally moving ~~means~~ is arranged to rotate the shaft so as to ~~thereby~~ rotate the ~~scraping device~~scraper within the pipe.

11. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim~~,~~ 1 having a first position wherein~~,~~ the scraper is ~~when~~ fully withdrawn from the pipe~~,~~ and ~~the scraping device~~ is substantially contained within the body so as not to be exposed to gases within the pipe.

12. (Currently Amended) The ~~A~~apparatus according to ~~any preceding~~ claim~~,~~ 1 further comprising means for preventing particulates from being drawn into the means for reciprocally moving ~~means~~ as the shaft is withdrawn from the pipe.

13. (Currently Amended) The ~~A~~apparatus according to ~~C~~claim 12~~13,~~ comprising scraping means for scraping particulates from the shaft during movement thereof.

14. (Currently Amended) The ~~A~~apparatus according to ~~C~~claim 13~~14,~~ wherein the scraping means comprises an annular seal through which the shaft passes.

15. (Currently Amended) An ~~A~~apparatus for reducing clogging of an inlet pipe to a wet scrubber, the apparatus comprising a body having an open end adapted to be detachably

connected about an aperture of the inlet pipe, a shaft moveable within ~~and relative to~~ the body, a ~~scraping device~~scraper attached to one end of the shaft, means for reciprocally moving the shaft to urge the ~~scraping device~~scraper into the inlet pipe to dislodge particulates deposited within the pipe and to withdraw the ~~scraping device~~scraper from the inlet pipe, and~~,~~ ~~extending about the body,~~ injecting means extending about the body for injecting heated~~,~~ compressed gas into the body to inhibit particulate deposition. ~~therein.~~

16. (Currently Amended) A method of reducing clogging of a pipe, the method comprising detachably connecting to an aperture of the pipe an attachment comprising a body, a shaft moveable within and relative to the body, and a ~~scraping device~~scraper attached to one end of the shaft; reciprocally moving the shaft to urge the ~~scraping device~~scraper into the pipe to dislodge particulates deposited within the pipe and to withdraw the ~~scraping device~~scraper from the pipe; and injecting heated, compressed gas into the body to inhibit particulate deposition therein.

17. (Currently Amended) A method of reducing clogging of an inlet pipe to a wet scrubber, the method comprising detachably connecting to an aperture of the inlet pipe an attachment comprising a body, a shaft moveable within and relative to the body, and a ~~scraping device~~scraper attached to one end of the shaft; reciprocally moving the shaft to urge the ~~scraping device~~scraper into the inlet pipe to dislodge particulates deposited within the pipe and to withdraw the ~~scraping device~~scraper from the inlet pipe; and injecting heated, compressed gas into the body to inhibit particulate deposition therein.

18. (New) The apparatus according to claim 1 wherein the gas is injected at a temperature within the range from 80 to 150°C.

19. (New) The apparatus according to claim 1 comprising heating means extending about the body for maintaining the temperature within the body within the range from 80 to 150°C.